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Algebra 1 crossword puzzle

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| **Across**  **2.** A mathematical phrase that contains operations, numbers, and/or variables  **3.** Numbers that cannot be expressed in the form a/b, where a and b are integers and b =0.  **8.** A mathematical sentence with an equal sign  **9.** To write an expression in a simpler form  **10.** A quantity that does not vary  **11.** A number, a variable, or the product of a number and a variable  **12.** A mathematical notation indicating the number of times a quantity is multiplied by itself  **13.** The middle number in a set of numbers that are listed in order  **14.** Whole numbers and their opposites  **15.** A symbol (like x or y) that is used in mathematical or logical expressions to represent a variable quantity  **17.** An example that shows a conjecture is false  **18.** The number that occurs most often in a set of data  **19.** The set of numbers that includes rational and irrational numbers. | **Down**  **1.** Terms with exactly the same variable factors in a variable expression  **4.** The numerical factor when a term has a variable  **5.** A plane formed by the intersection of a horizontal number line called the x-axis and a vertical number line called the y-axis  **6.** The distance that a number is from zero on the number line  **7.** Operations that undo each other  **16.** The difference between the highest and lowest scores in a set of data  **20.** An average of n numbers computed by adding some function of the numbers and dividing by some function of n |